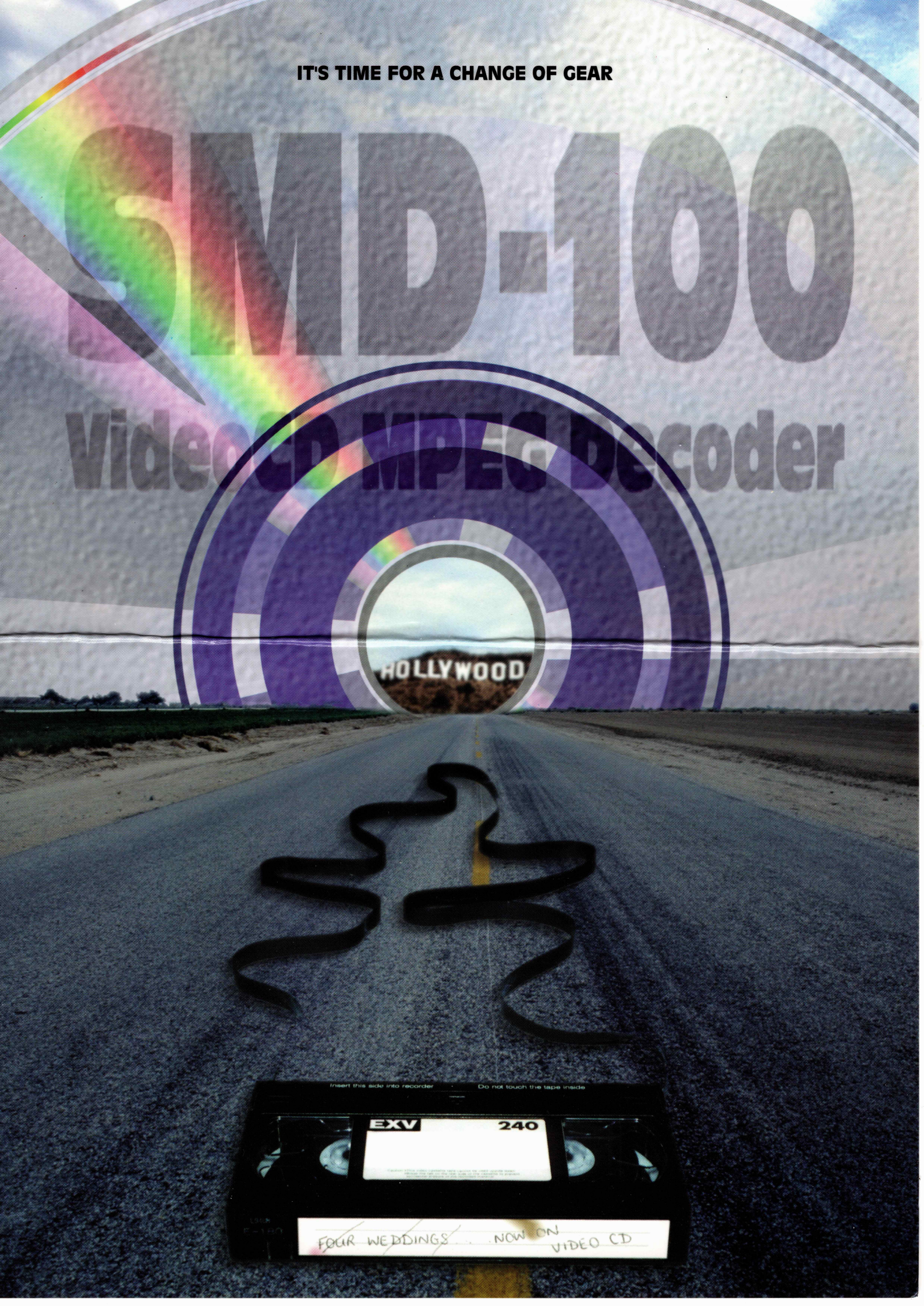
IT'S TIME FOR A CHANGE OF GEAR

SMD-100

VideoCD MPEG Decoder



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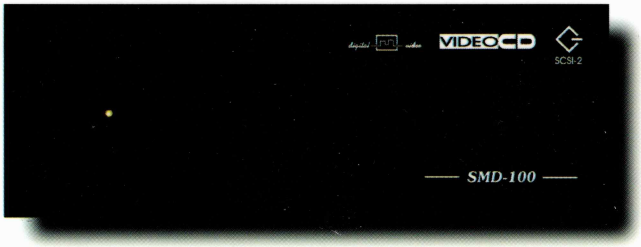

Compatibility

- Decodes Video CD 1.1 & 2.0, Karaoke CD 1.0 and CD-i movie standards using a compatible SCSI CD-ROM drive*.
- Supports display resolutions of 352 x 240 at 30Hz (NTSC), 352 x 288 at 25Hz (PAL).
- Plugs directly into any 2x CD-ROM drive or faster.
- Compatible with PAL and NTSC discs.

Controls

- All display and playback functions controlled from the supplied infrared remote control.
- CD-ROM controls include play, pause, fast forward, rewind, slow motion, track select, output signal select (RGB, composite video or SVIDEO), genlock select and stanbdby mode (on/off).
- Can be controlled from a SCSI-equipped computer using suitable software. Requires optional software (not included), contact HiSoft Systems for further details.

Connections

SCSI

- Includes two SCSI 50-way amphenol connectors to allow easy connection to your SCSI CD-ROM drive or SCSI bus.

AUDIO OUTPUT

- Stereo output via a suitable SCART cable allows direct connection to an amplifier or Surround Sound processor.
- High quality 16-bit 44.1kHz audio using Bitstream® DACs.

VIDEO OUTPUT

- 24-bit RGB, composite video and SVIDEO output (requires additional lead) using 21-pin Euro/SCART connector.
- Built-in RGB genlocking capabilities for use with 15kHz computer genlocking systems.
- Automatic scaling of output to PAL or NTSC using either PAL or NTSC discs.

Case

FRONT PANEL

- Power/standby and command LED.
- Remote infrared sensor.

BACK PANEL

- Power jack socket.
- 9-way D-type video socket for genlock connection.
- Two SCSI 50-way amphenol connectors.
- 4-way dip-switch for SCSI ID and SCSI termination.
- 21-pin Euro/SCART connector.

DIMENSIONS

- 170 mm (W) x 58 mm (H) x 145 mm (L).

Power Supply

- Dimensions 55 mm (W) x 53 mm (H) x 70 mm (L).
- Power output 9V @ 1A to 2.5 mm centre positive jack.
- Power input 110/120V U.S., 220-240V Europe.
- Fully approved, CE marked.

* Some older CD-ROM drives may be incompatible—check your drive for suitability.

What is the SMD-100?

The SMD-100 is the new Video CD and MPEG decoder from HiSoft Systems. The decoder can be used as either a stand-alone unit connected to a SCSI CD-ROM drive or as a device in a chain of SCSI peripherals connected to a computer (extra software required).

As a stand-alone unit the SMD-100 can be connected to any television or video recorder that has a SCART, composite or SVHS socket to produce crystal-clear playback of Video CD films in 24-bit colour and 16-bit stereo sound.

As a SCSI peripheral the SMD-100 becomes an indispensible addition to your computer, allowing playback of MPEG and Video CD files from any PC, Mac or Amiga that is equipped with a SCSI port.

Cased in a sturdy all-metal case, the SMD-100 looks at home next to any Hi-fi, VCR or Multimedia Computer.

What is MPEG?

Each frame of a movie requires a great deal of disc storage space. A typical movie contains more than 150,000 frames so to squash as much video and audio data as possible on to a single compact disc a technique called MPEG compression is used.

Thanks to MPEG compression a Video CD can contain up to 74 minutes of superb quality digital video. The audio, although compressed, is so near the quality of compact disc digital audio that the human ear cannot tell the difference.

At the heart of the SMD-100 is a state-of-the-art computer chip containing not only a 16-bit micro-processor but also a dedicated custom processor which can rapidly decode and play the heavily compressed MPEG video and audio in realtime. This means you get smooth and sharp full-screen, full-frame playback all the way.

What is Video CD?

Video CD is a technology that enables you to play video and audio material from compact disc. Video CD grew from CD-i technology and is designed as a standard so that you can play high quality movies on compatible computers as well as on Philips CD-i equipment.

Technically, Video CD is known as White Book format and CD-i movies are known as Green Book format. The SMD-100 plays both these formats.

Because the playback quality of pictures and sound is so good, Video CD has become the perfect medium for music videos and motion pictures. There are now thousands of Video CD and CD-i movie titles available for all the family—cartoons, soaps, sports, documentaries, wildlife, comedy, erotica, karaoke, plus of course smash hit music videos and bigtime movies to suit all tastes.

SMD-100 is a trademark of HiSoft Systems.

European Headquarters
HiSoft Systems, The Old School, Greenfield, Bedford MK45 5DE.
Phone: +44 1525 718181 Fax: +44 1525 713716
Email: sales@hisoft.co.uk Web: www.hisoft.co.uk

German contact
Maxon Computers GmbH, Industriestraße 26, D-56760 Eschborn.
Phone: +49 6196 4 56 99 Fax: +49 6196 4 11 37

North American contact
ORA, 16200 SW Pacific Highway, Suite 162, Tigard, Oregon 97224.
Phone: +1 503 620 4919 Fax: +1 503 624 2940

HiSoft SYSTEMS
digital video
The Old School, Greenfield
Bedford MK45 5DE UK
Tel: +44 (0) 1525 718181
Fax: +44 (0) 1525 713716